

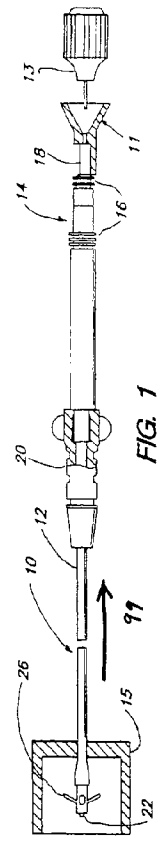
(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **05.02.1997 Bulletin 1997/06** (51) Int Cl.<sup>6</sup>: **A61N 1/05**  
 (43) Date of publication A2: **17.04.1996 Bulletin 1996/16**  
 (21) Application number: **95306736.0**  
 (22) Date of filing: **25.09.1995**

<p>(84) Designated Contracting States: <b>DE FR NL SE</b></p> <p>(30) Priority: <b>06.10.1994 US 319190</b></p> <p>(71) Applicant: <b>MEDTRONIC, INC.</b> <b>Minneapolis, Minnesota 55432-3576 (US)</b></p> <p>(72) Inventors:  <ul style="list-style-type: none"> <li>• <b>Rugland, Roger E.</b> <b>Anoka, Minnesota 55304 (US)</b></li> </ul> </p>	<ul style="list-style-type: none"> <li>• <b>Hebzyński, Annette</b> <b>Spring Lake Park, Minnesota 55432 (US)</b></li> <li>• <b>Hanse, Gary H.</b> <b>Ham Lake, Minnesota 55304 (US)</b></li> </ul> <p>(74) Representative: <b>Hughes, Andrea Michelle et al</b> <b>Frank B. Dehn &amp; Co.,</b> <b>European Patent Attorneys,</b> <b>179 Queen Victoria Street</b> <b>London EC4V 4EL (GB)</b></p>
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(54) **Medical electrical lead having a reinforced tine assembly**

(57) A medical lead which has a reinforced tine assembly 26. In particular, the medical electrical lead of the present invention features an elongated lead body 10 covered by an insulative sheath 12. Positioned upon the proximal end of the lead body is a terminal assembly 14. Terminal assembly permits the lead to be connected to a pulse generator. Positioned at the distal end of the lead body is an electrode 22. Also positioned proximate the electrode is a tine assembly 26. The tine assembly is preferably made from a insulative bio-compatible material, preferably silicone. The tine assembly further features a reinforcement member 27 to prevent the tine assembly from elongating. In the preferred embodiment, a polyester is used to provide reinforcement member 27.



**EP 0 706 807 A3**



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 6736 • 0

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 4 402 328 A (DORING) * column 4, line 48 - column 5, line 11; figure 2A *	1-3	A61N1/05
D,A	US 4 957 118 A (ERLEBACHER) * column 3, line 15 - column 4, line 5; figures 2,3 *	1-3	
D,A	US 5 282 844 A (STOKES,LINDEMANS) * column 6, line 47 - column 8, line 5; claims 1-4,6,8,16,17 *	1,4-12	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A61N
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 December 1996	Herbelet, J.C.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03.82 (P04C01)